

Fig. 1

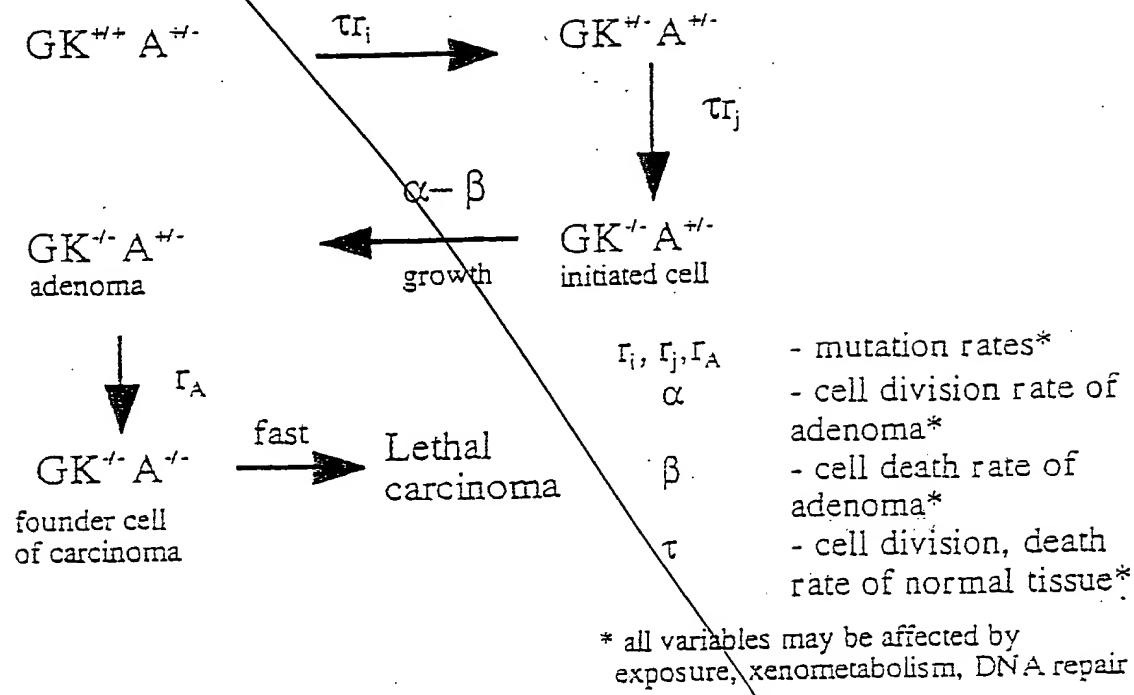


Fig. 2A

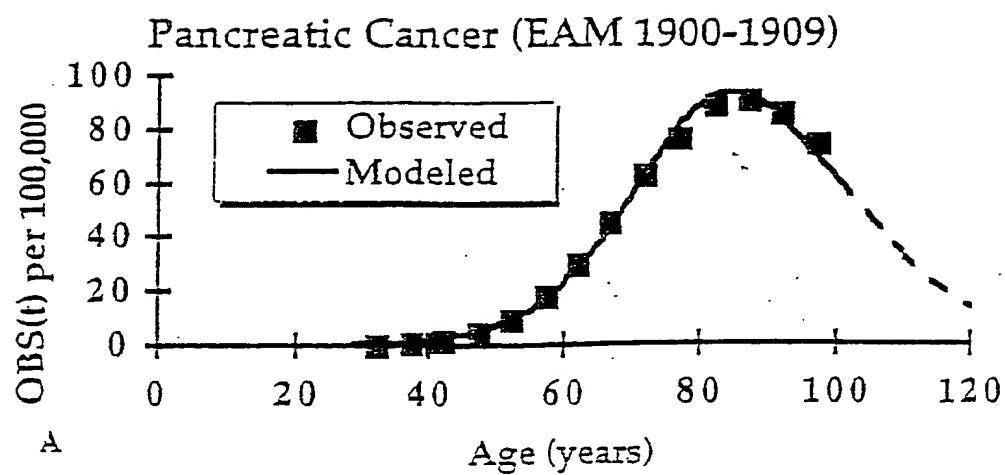
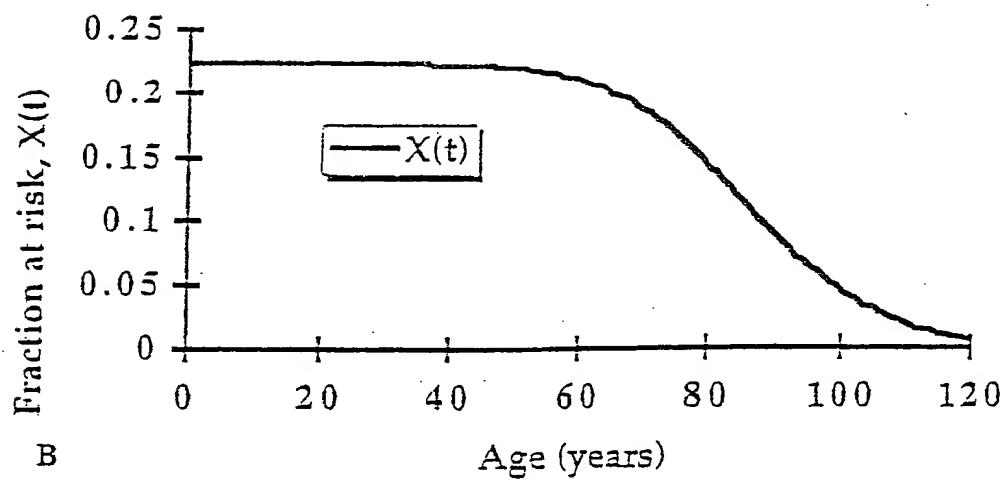
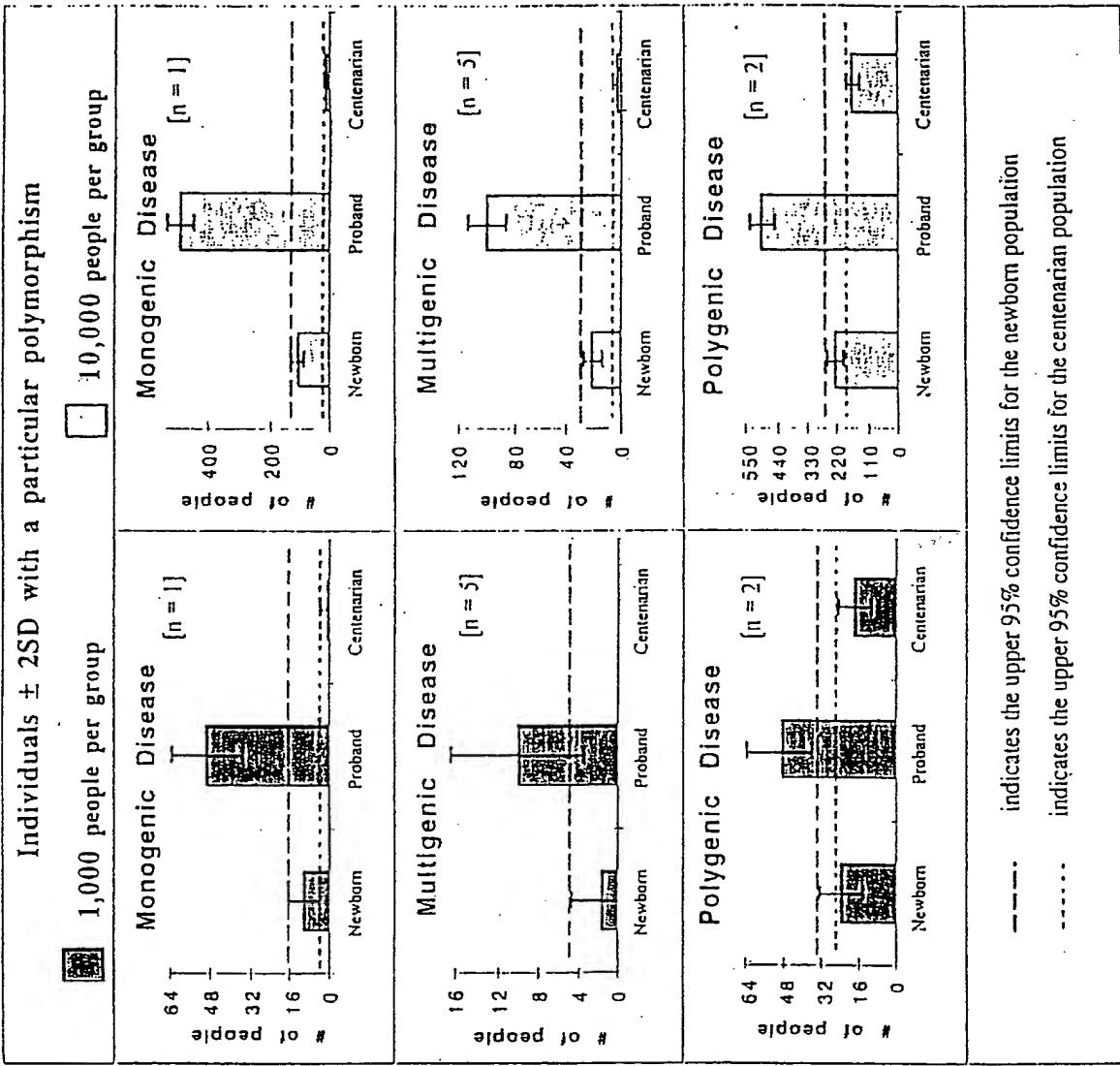


Fig. 2B





— indicates the upper 95% confidence limits for the newborn population
 - - - - indicates the upper 95% confidence limits for the centenarian population

Fig. 3D

Fig. 3E

Fig. 3F

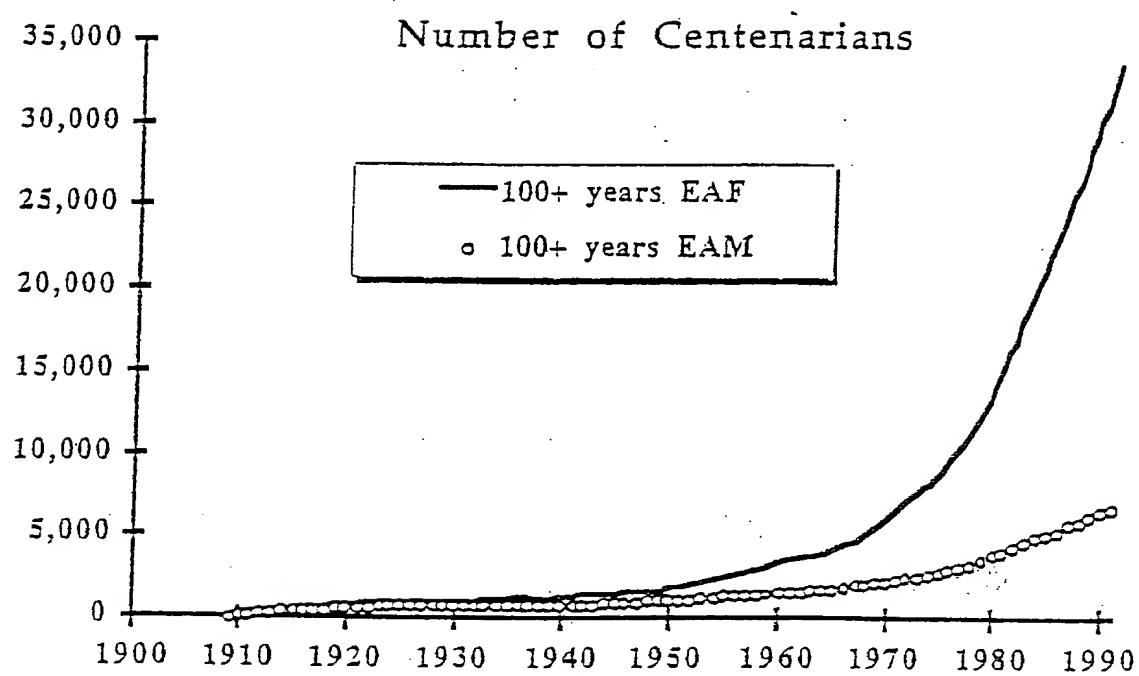


Fig. 4

Fig. 5A

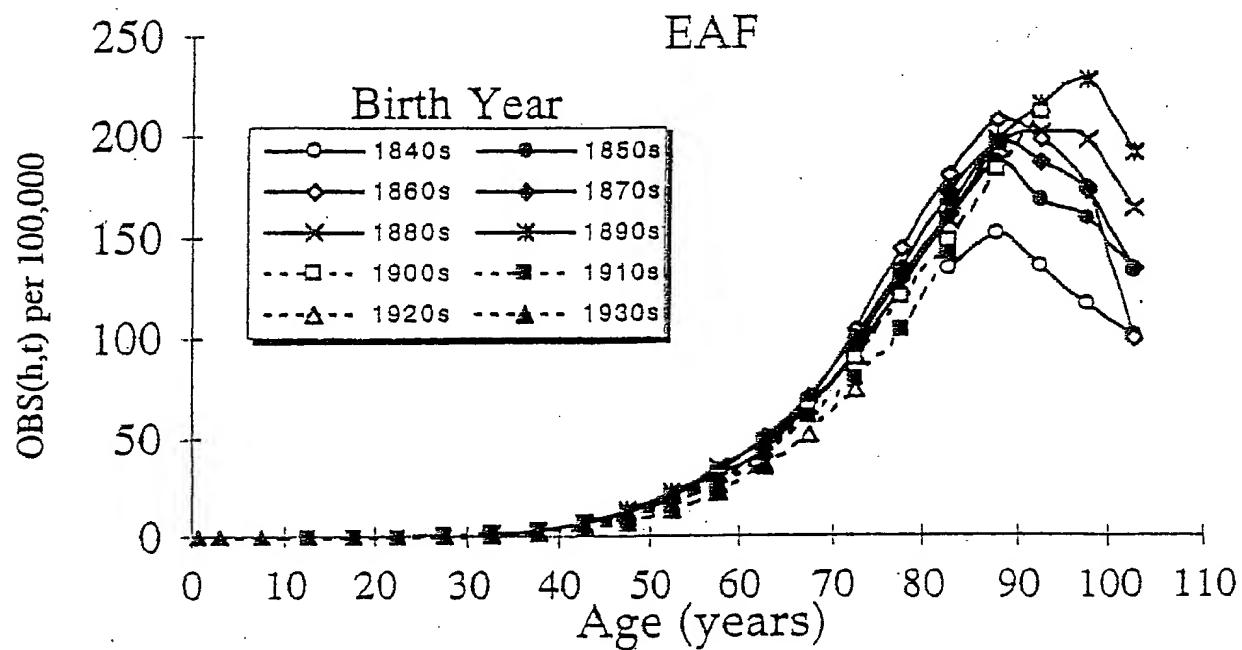
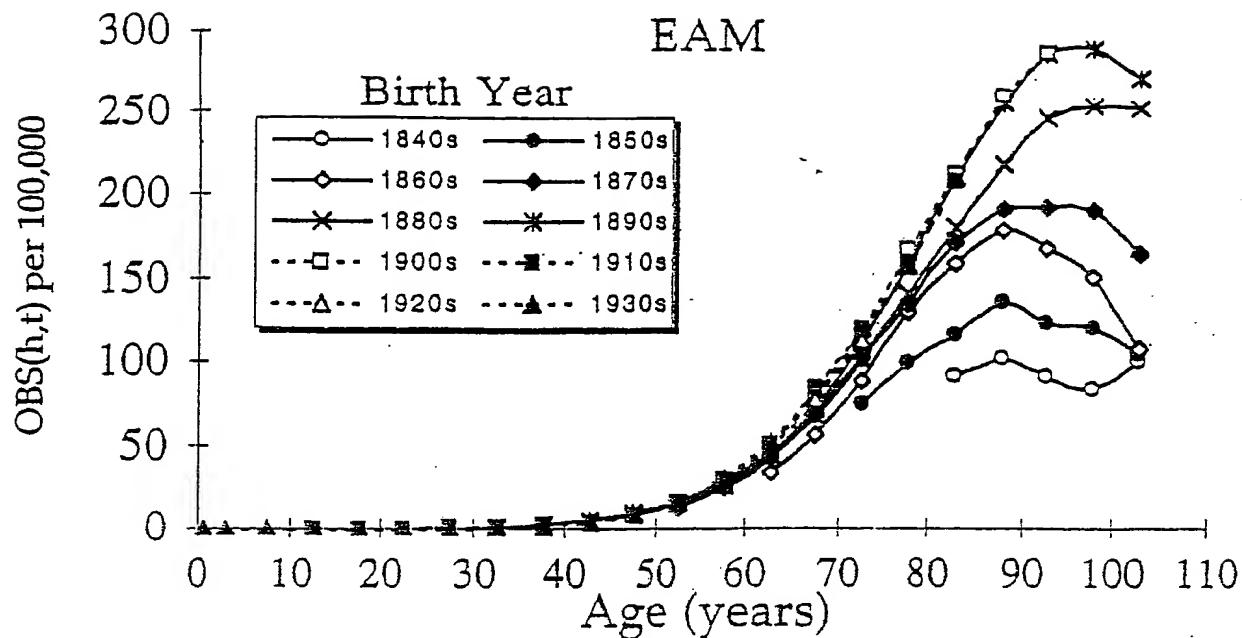


Fig. 5B

Fig. 6A

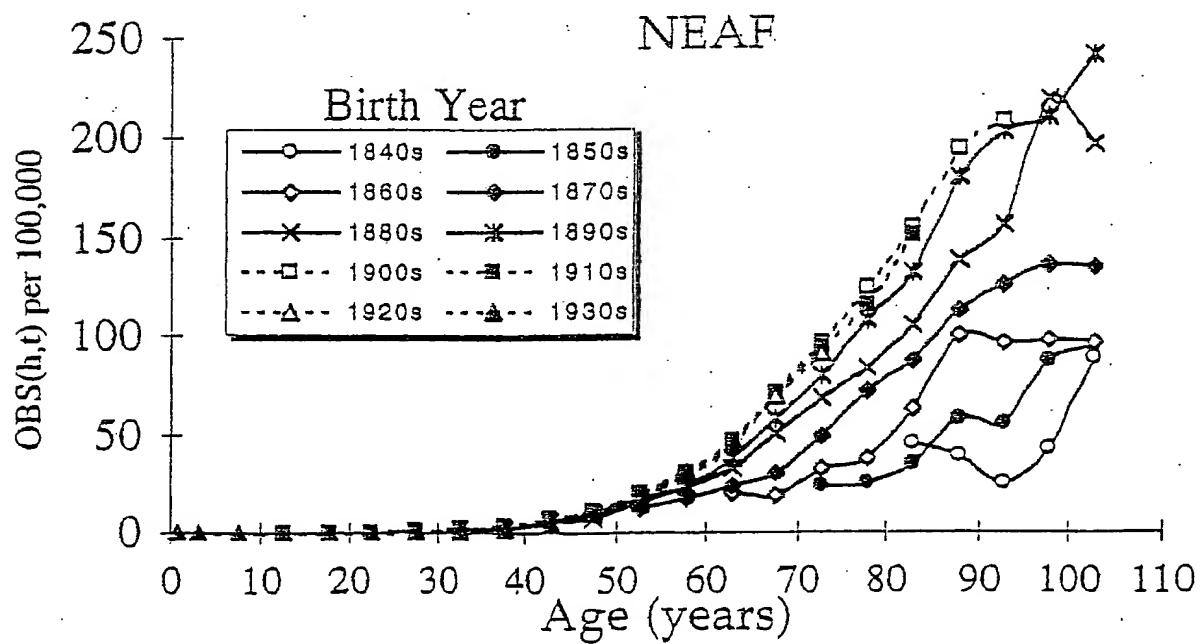
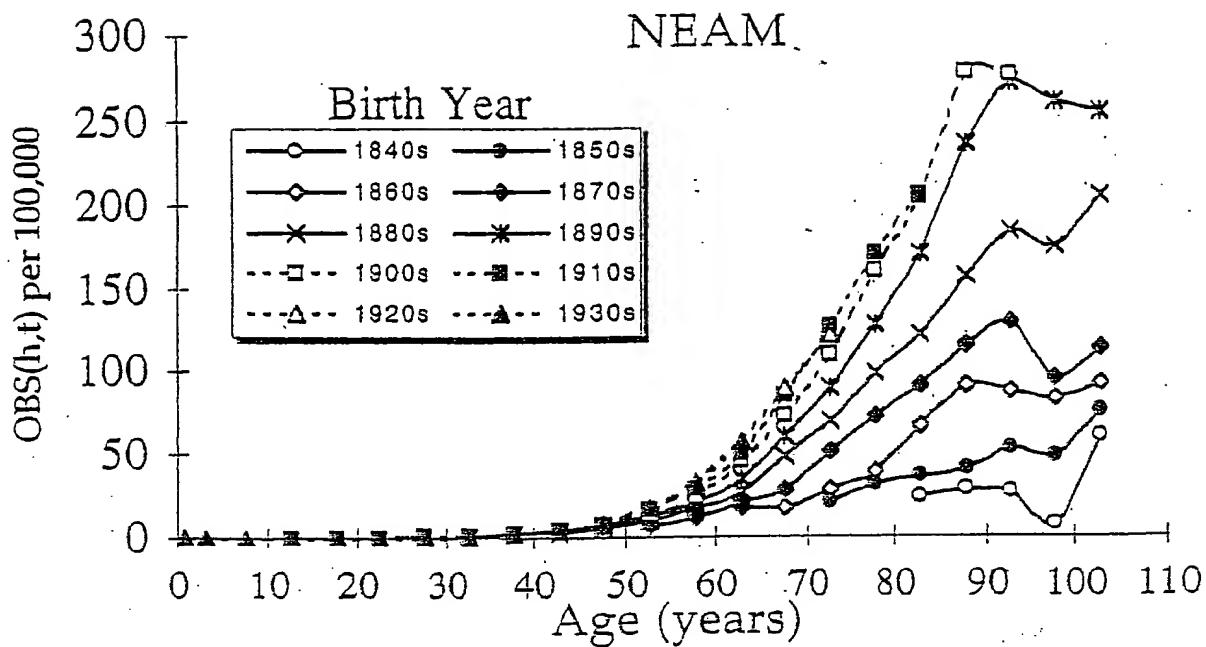


Fig. 6B

Fig. 7A

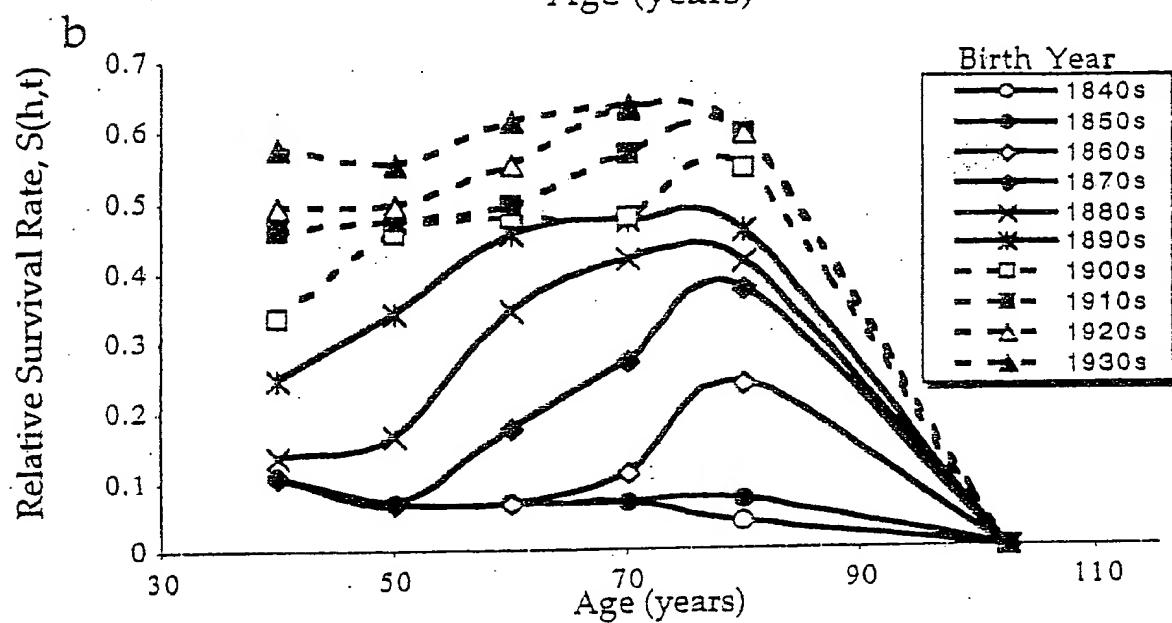
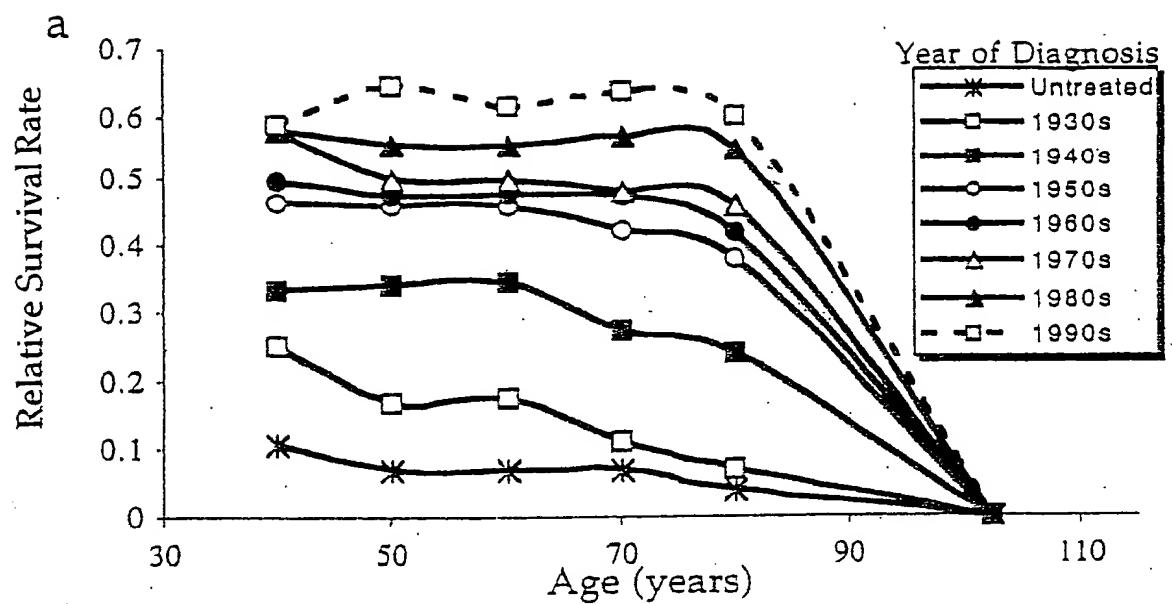


Fig. 7B

Fig. 8

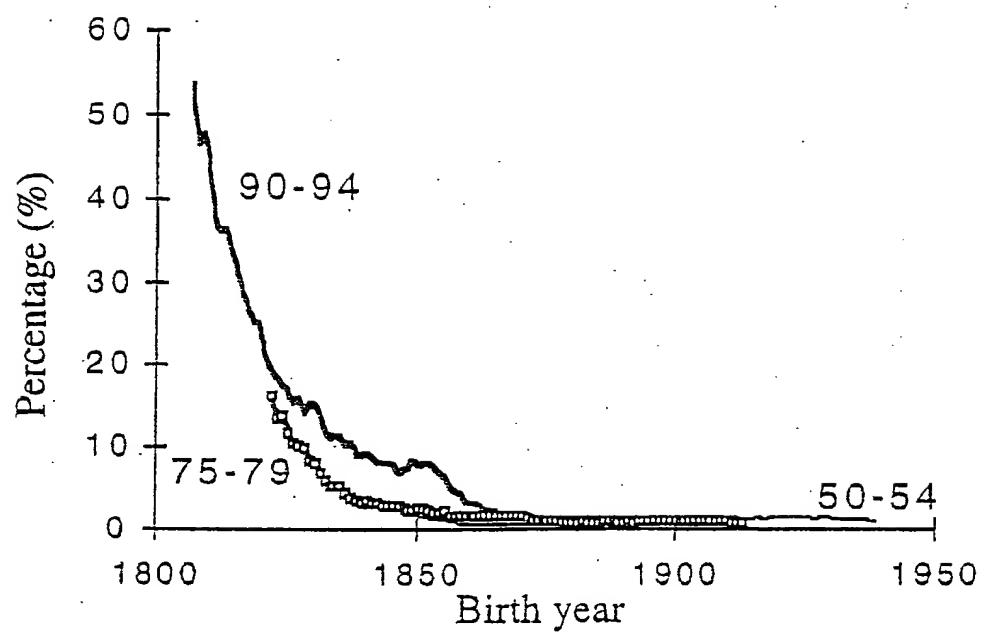


Fig. 9A

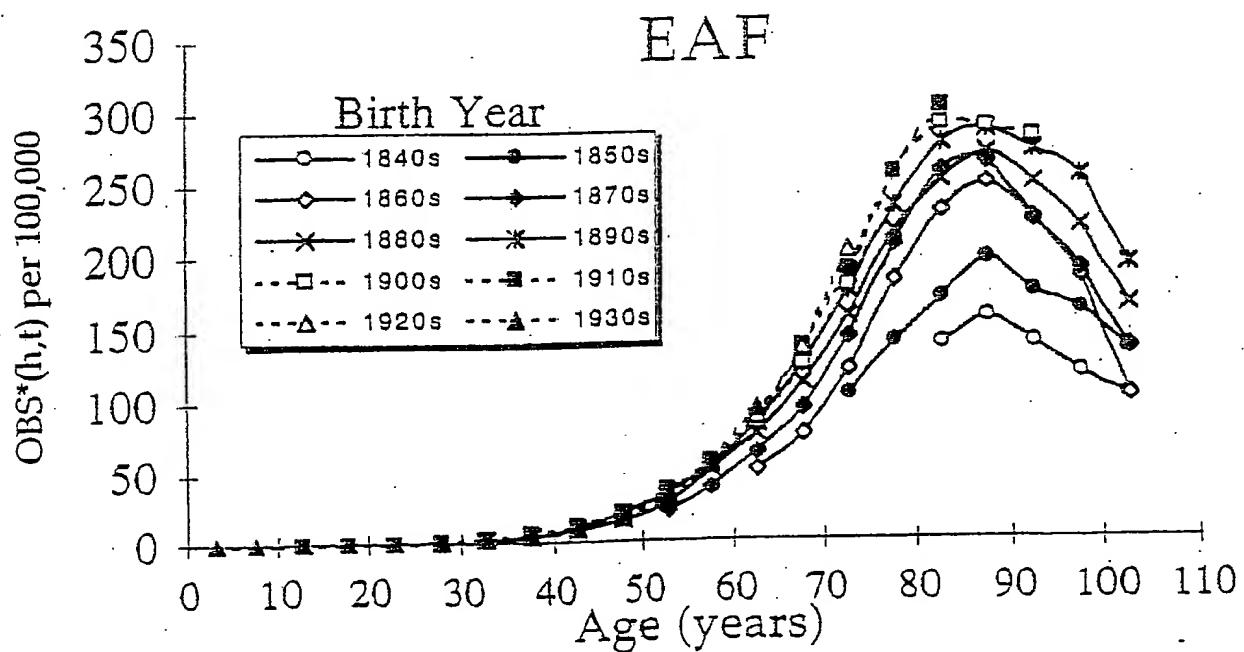
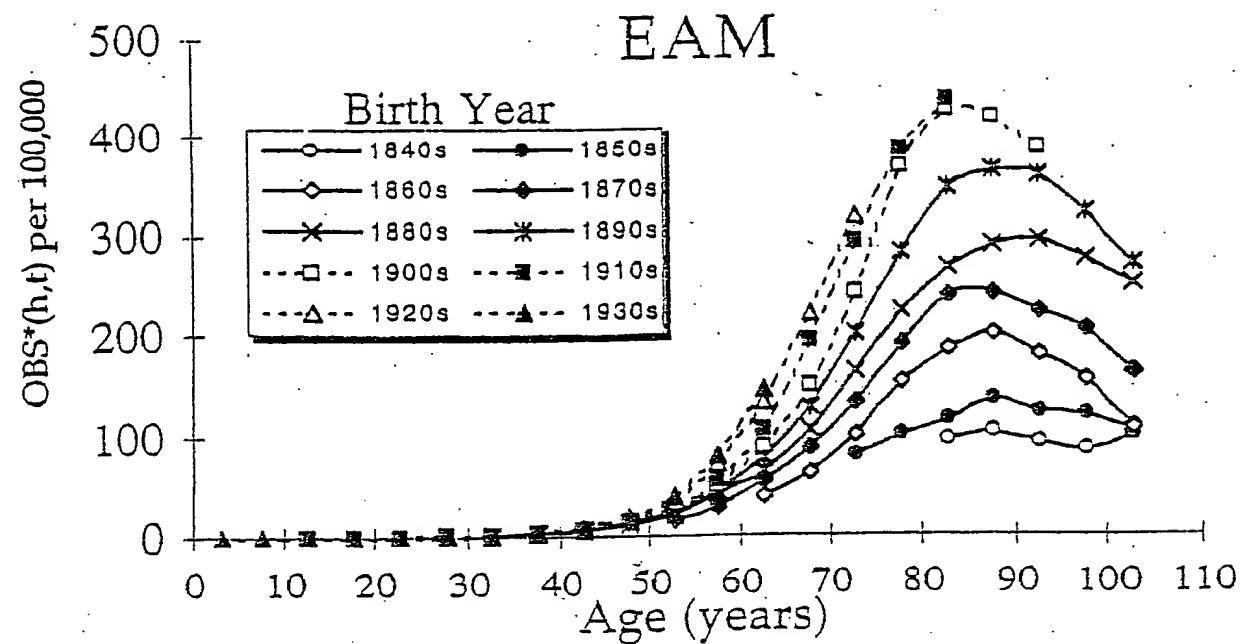


Fig. 9B

Fig. 10A

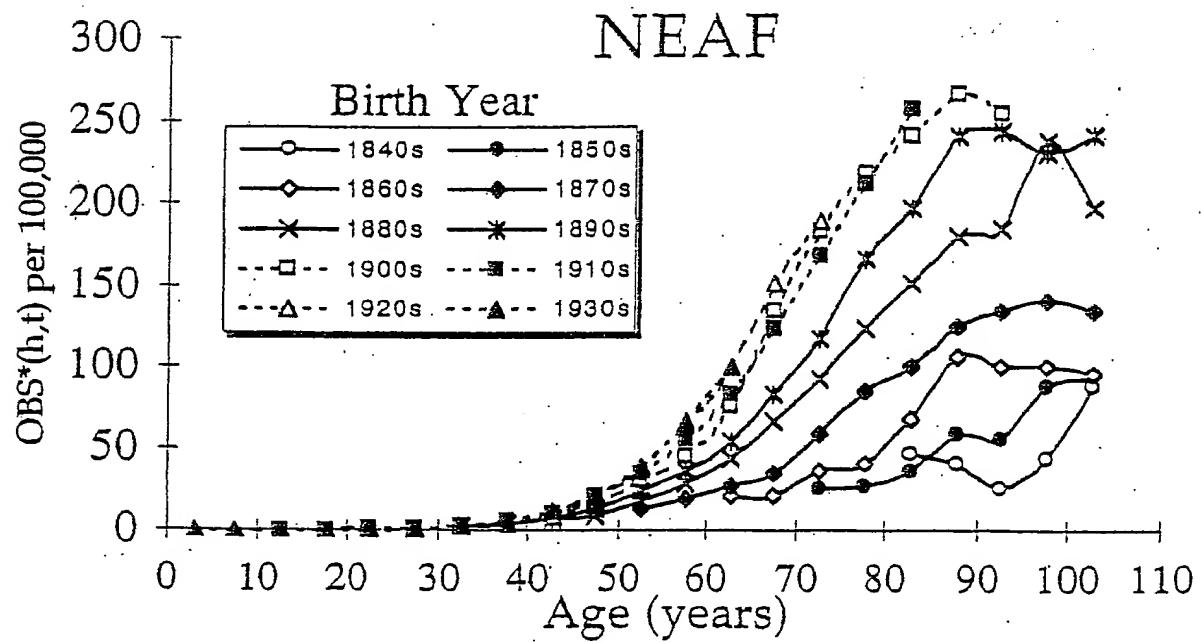
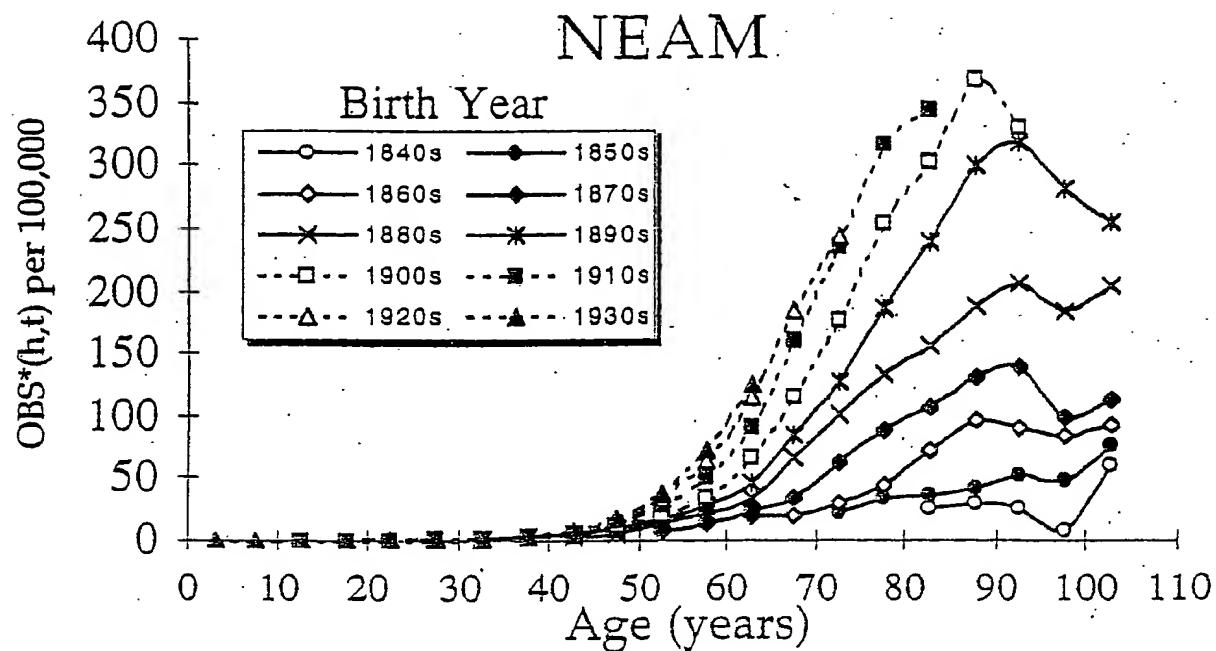


Fig. 10B

Fig. 11A

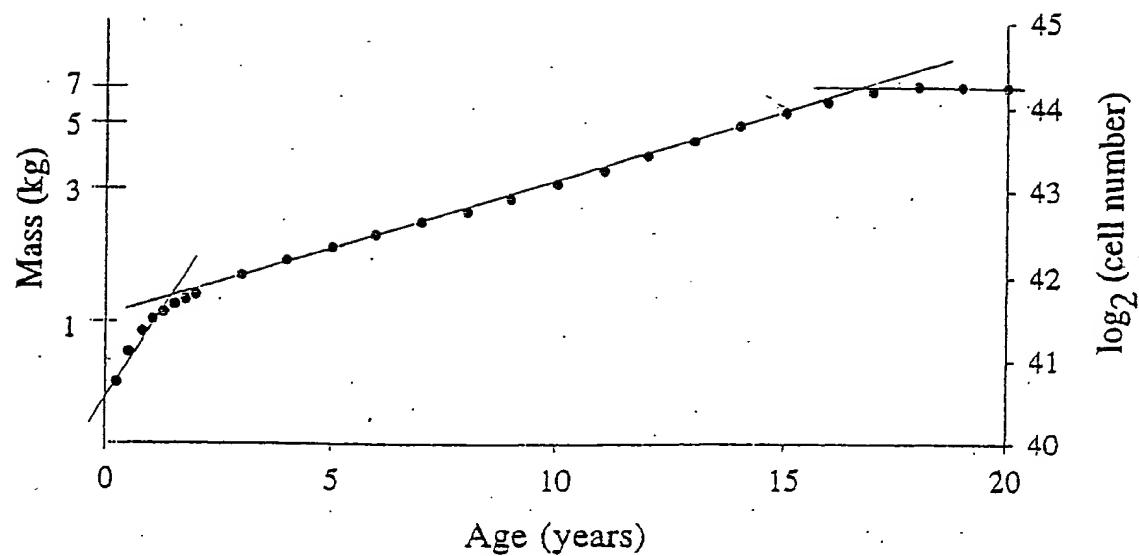
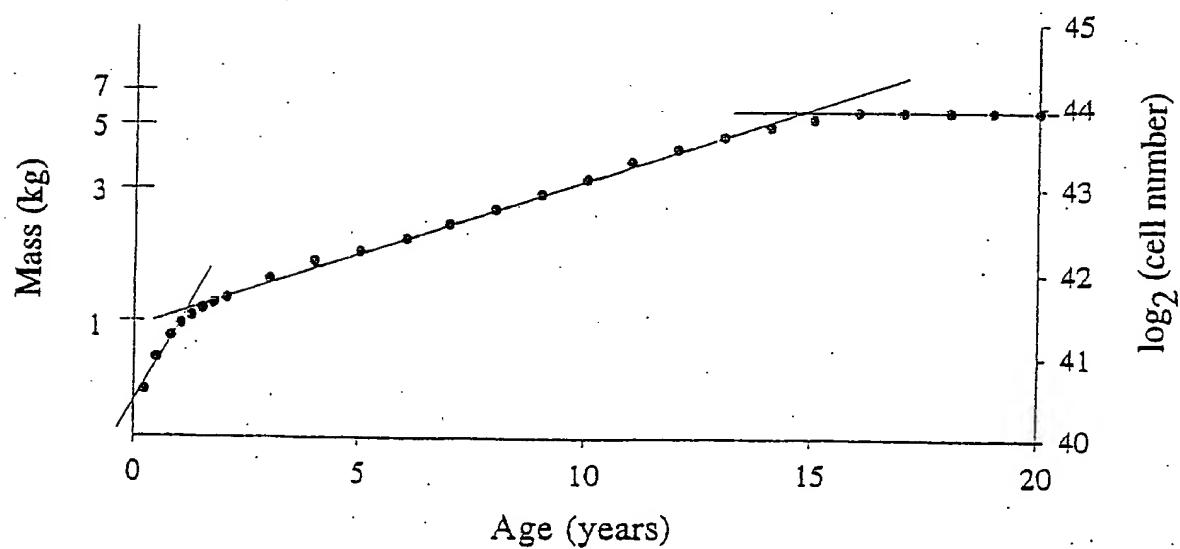


Fig. 11B



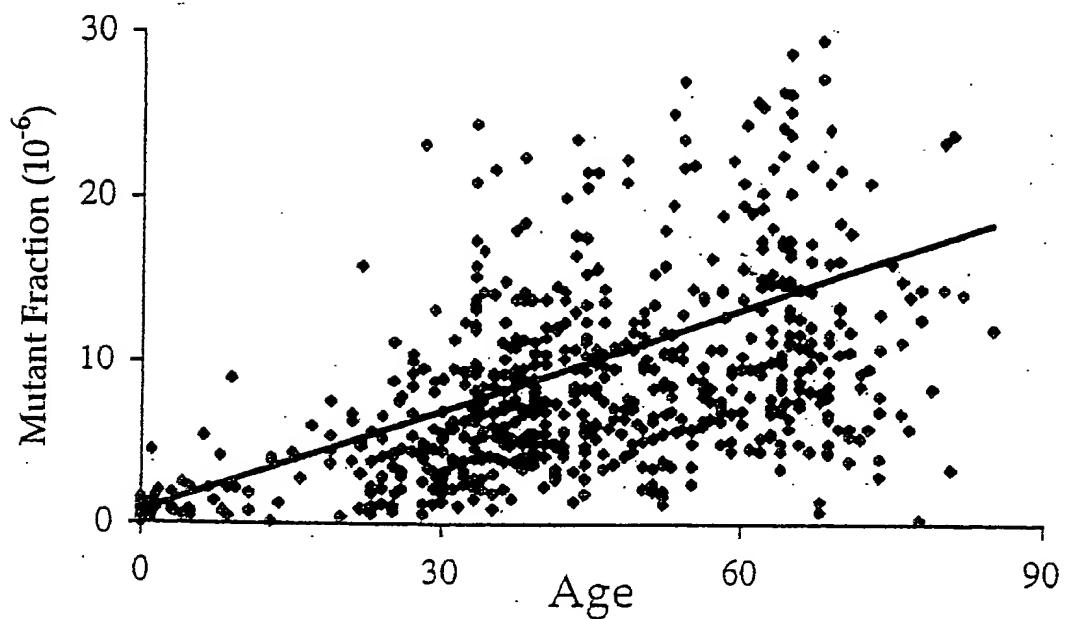


Fig. 12

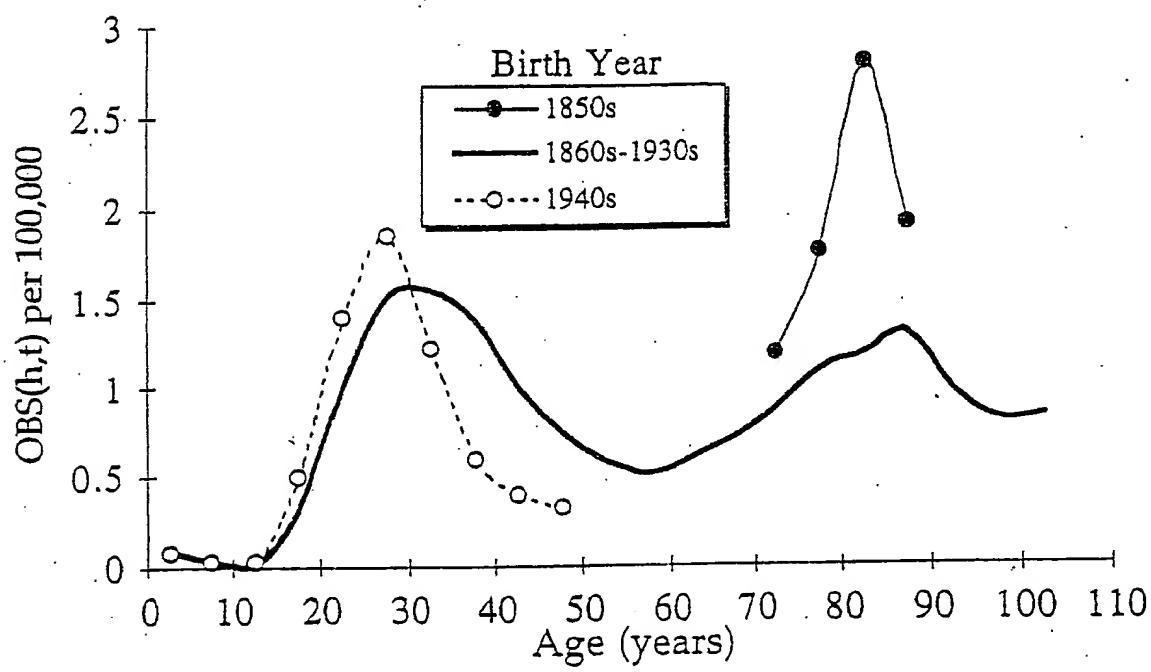
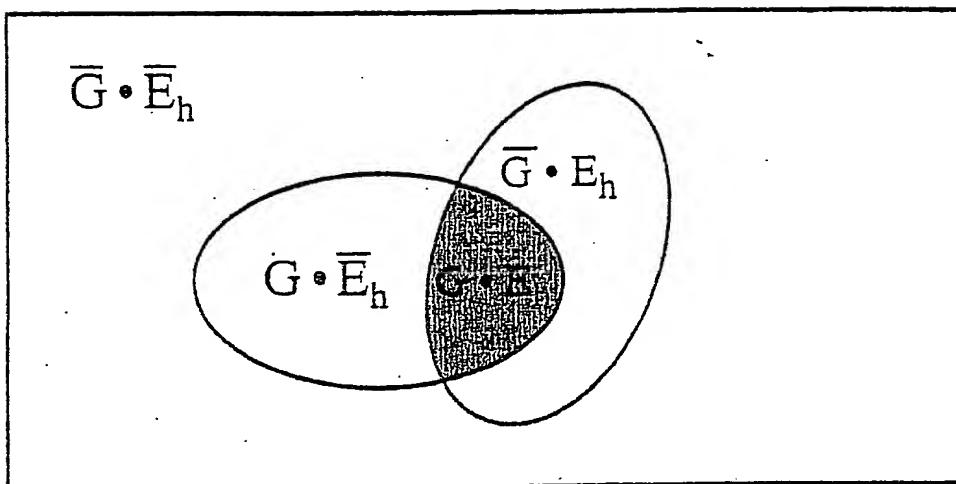


Fig. 13

Fig. 14



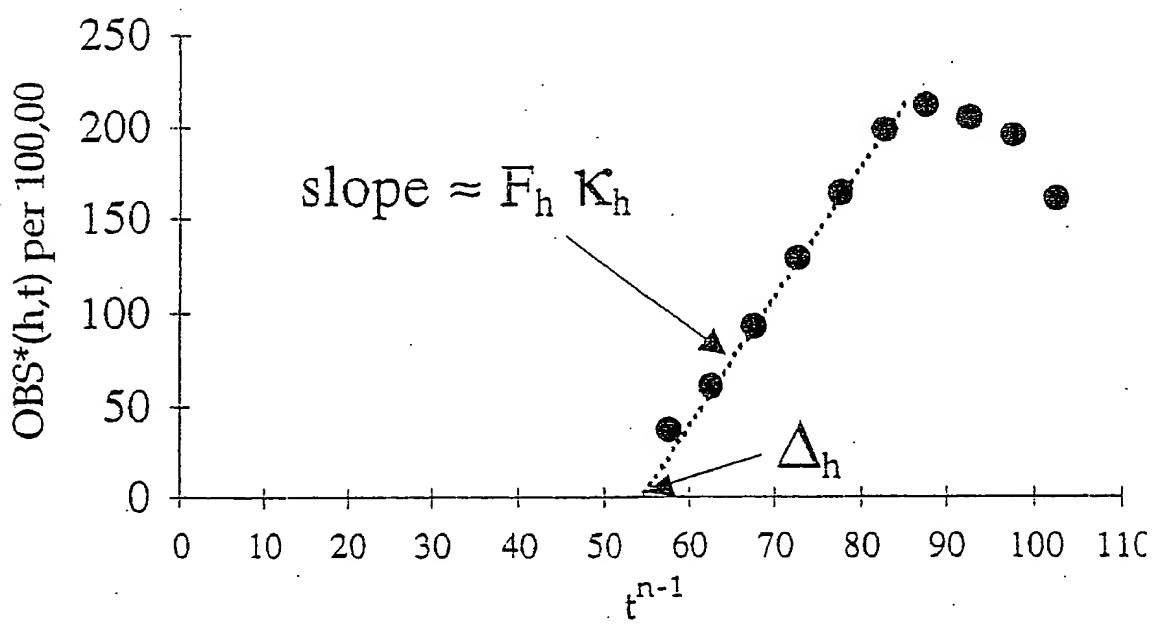
$G = F(h,t)_{\text{genetic}}$

$E_h = F(h,t)_{\text{environmental}}$

$\bar{G} = (1 - G) = \text{not in } F(h,t)_{\text{genetic}}$

$\bar{E}_h = (1 - E_h) = \text{not in } F(h,t)_{\text{environmental}}$

Fig. 15



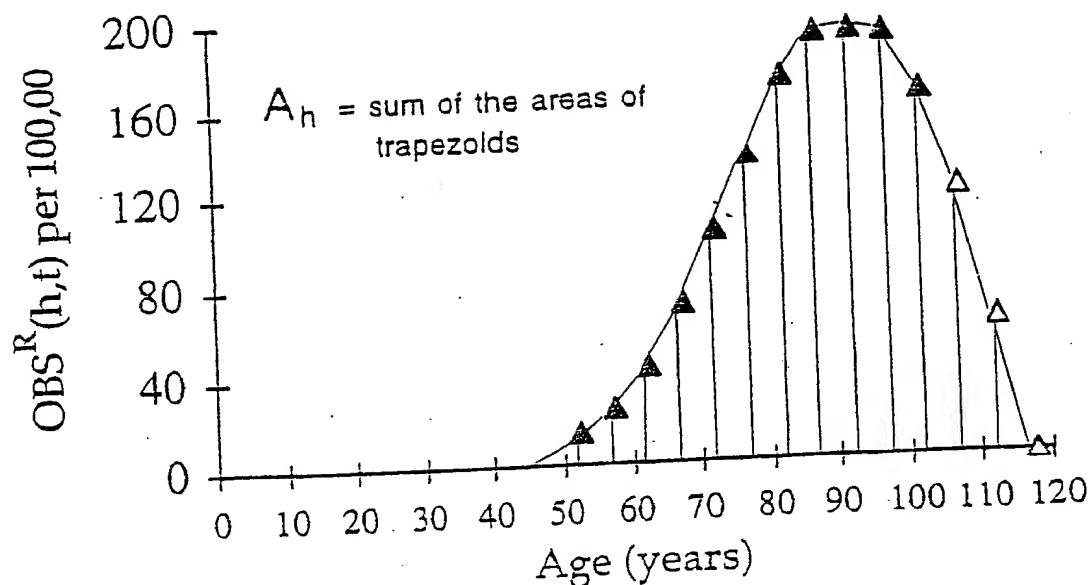


Fig. 16

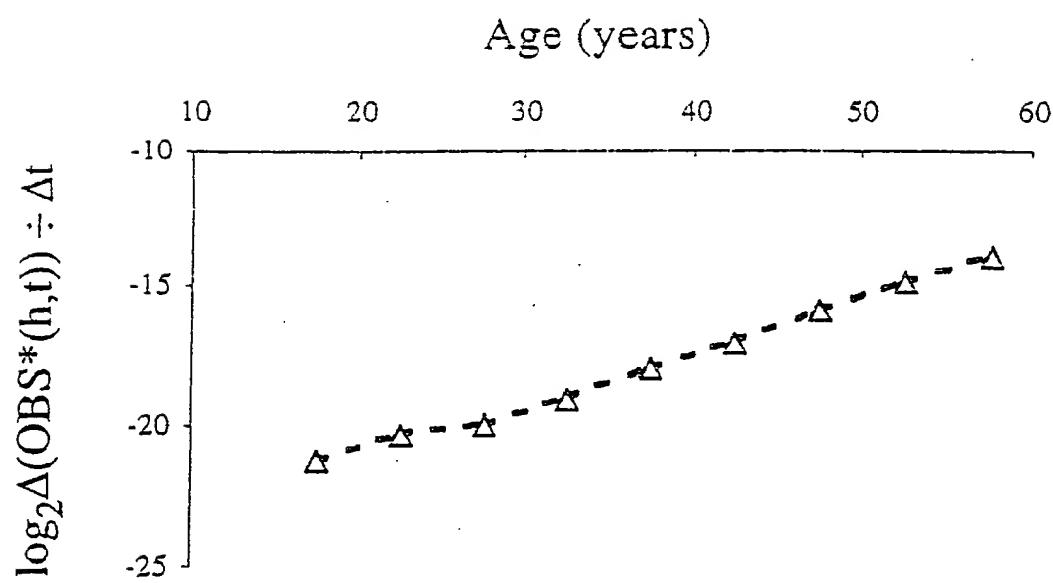


Fig. 17

Fig. 18

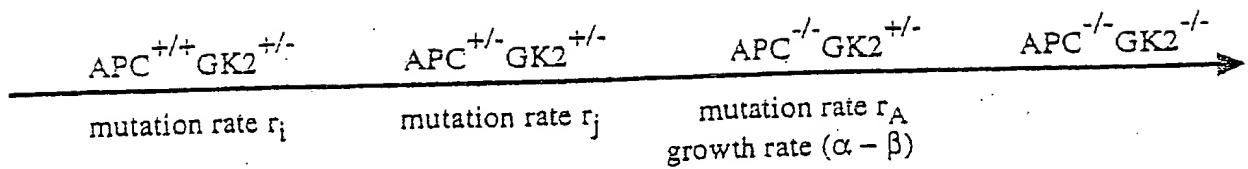
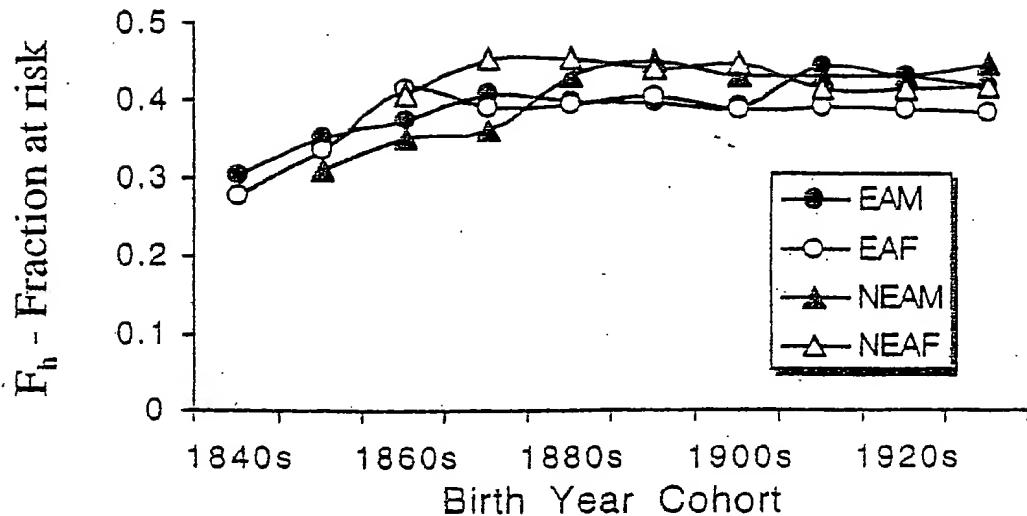


Fig. 19A



r_i - Initiation mutation rate (10^{-8})

Fig. 19B

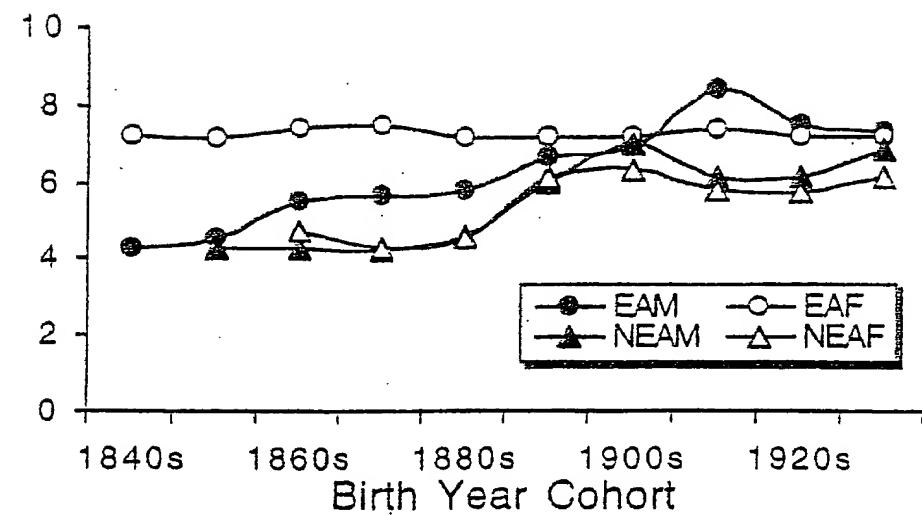


Fig. 20A

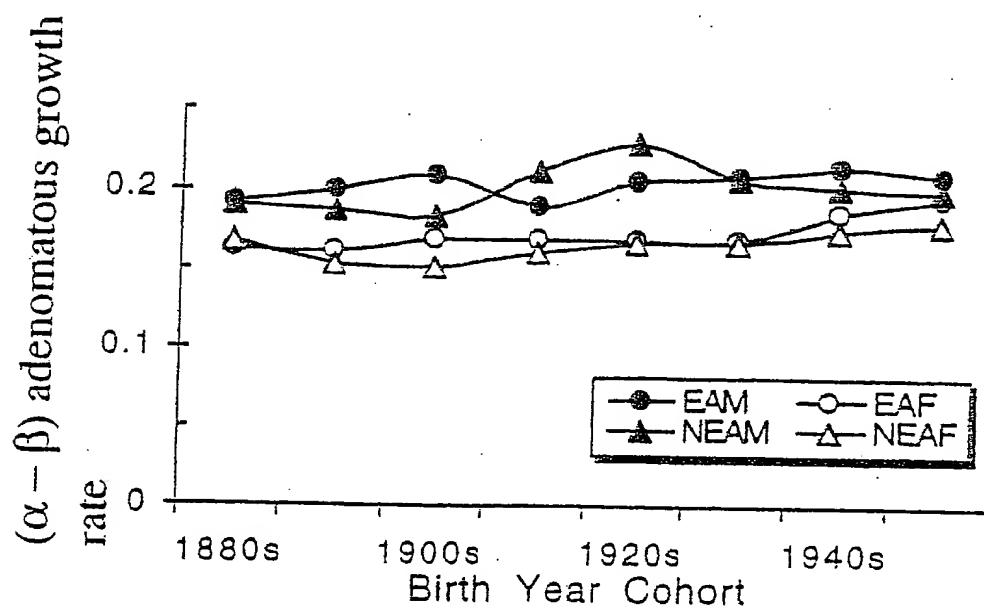
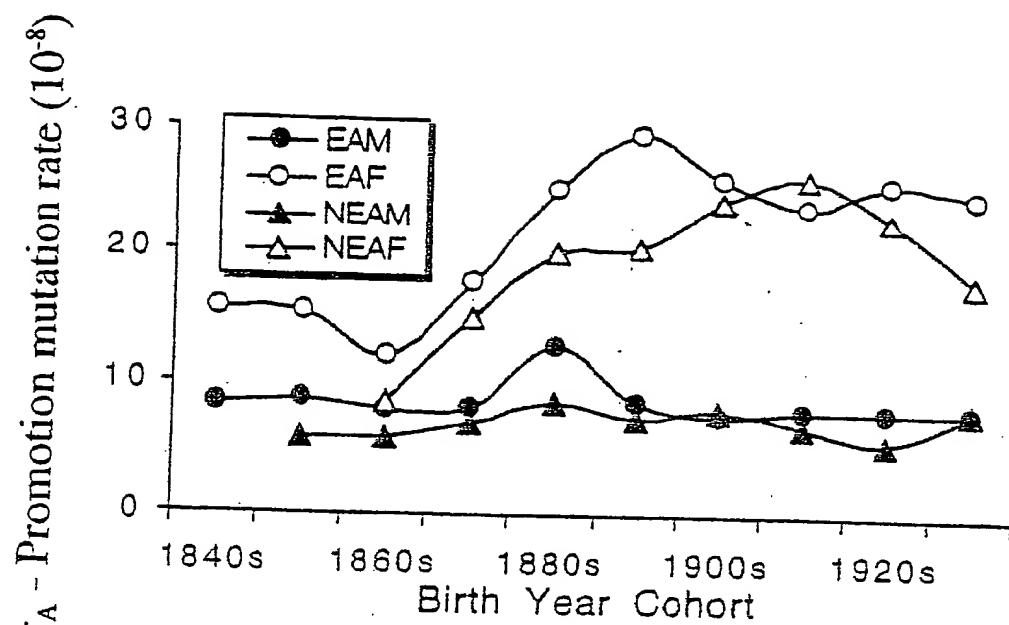


Fig. 20B

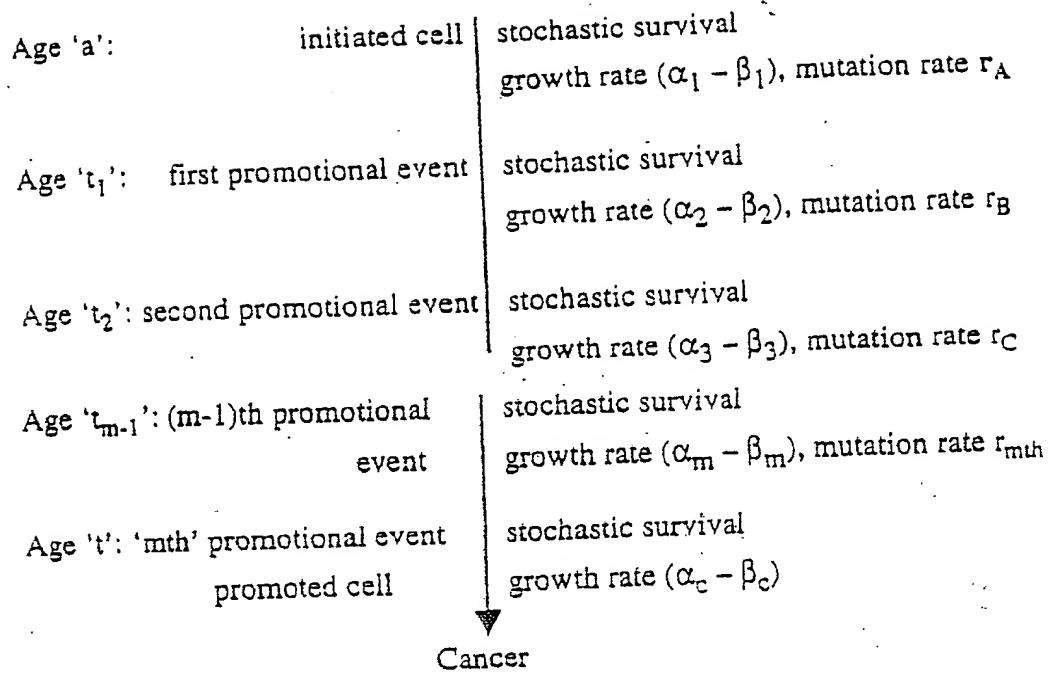


Fig. 21

Fig. 22A

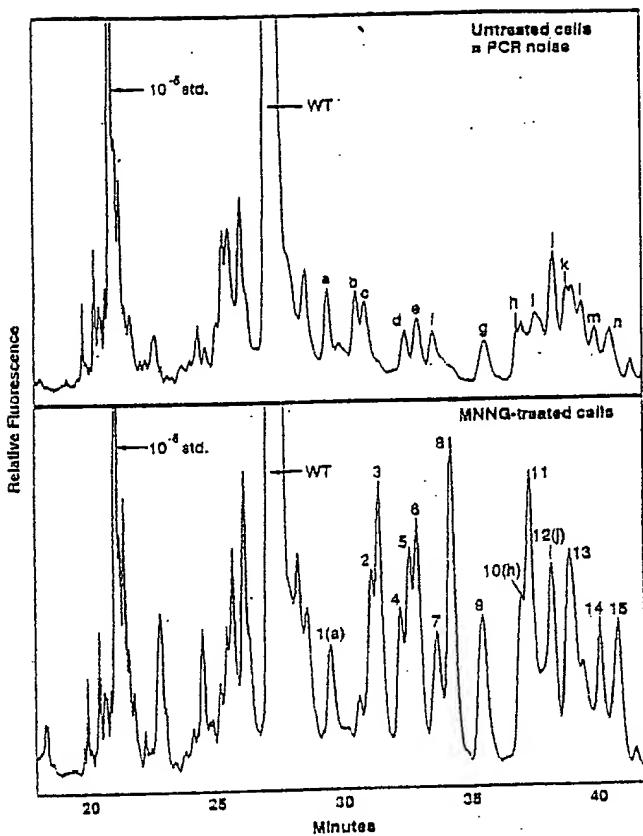


Fig. 22B

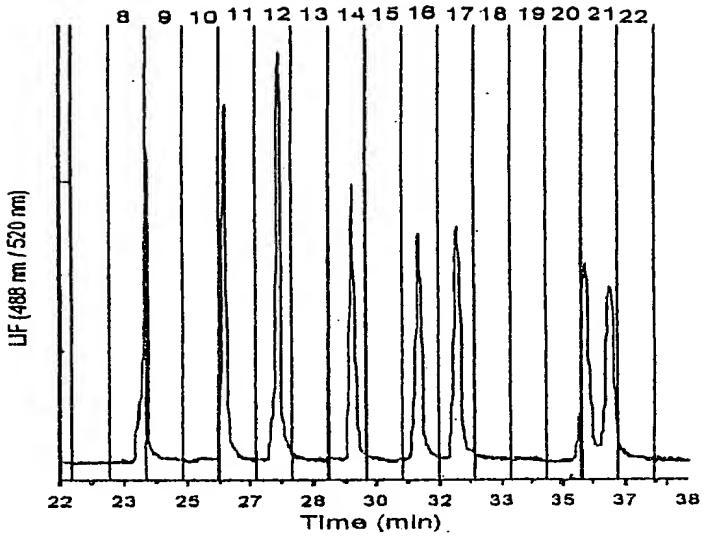


Fig. 23A

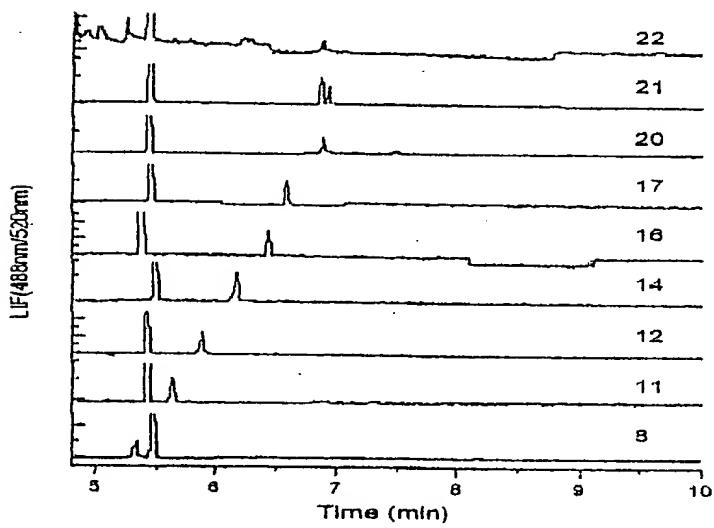


Fig. 23B

Fig. 24

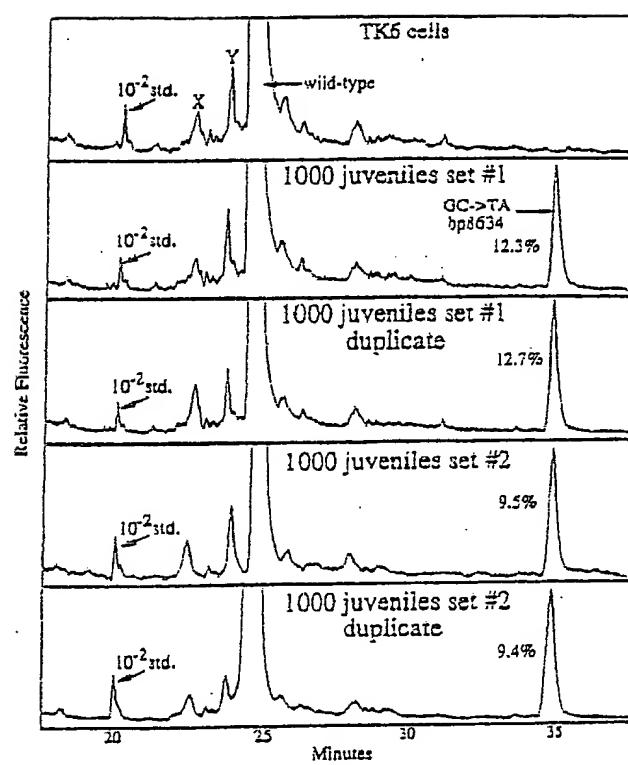


Fig. 25

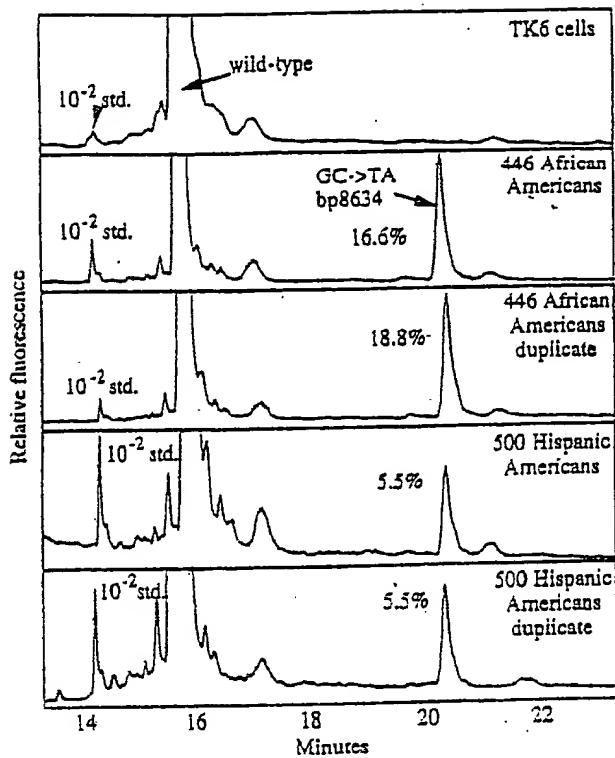


Fig. 26A

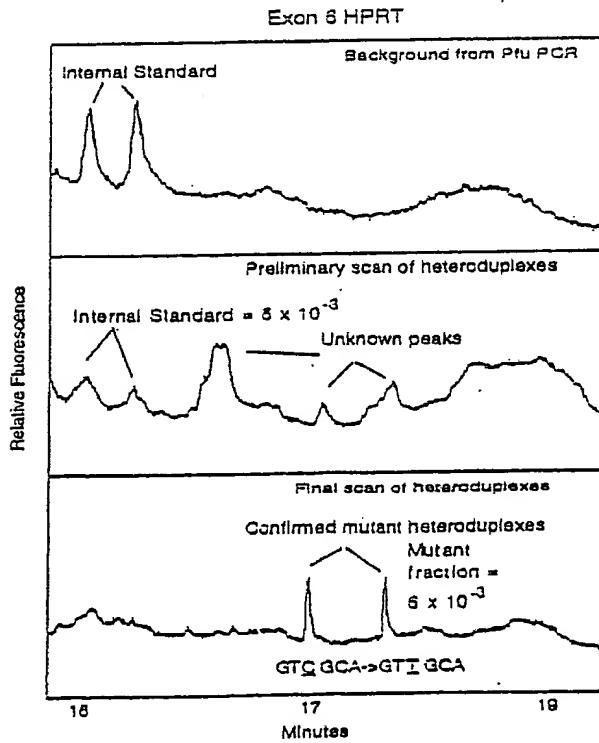


Fig. 26B

Fig. 26C

Fig. 27

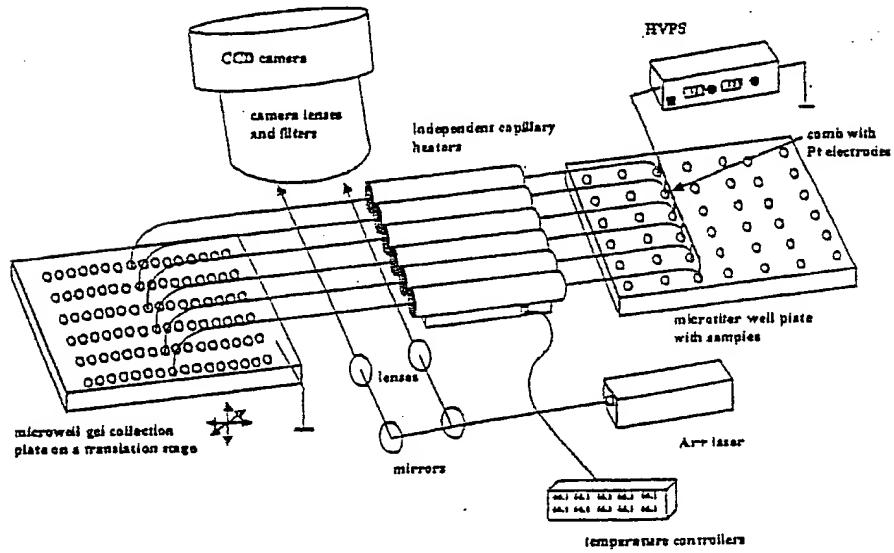
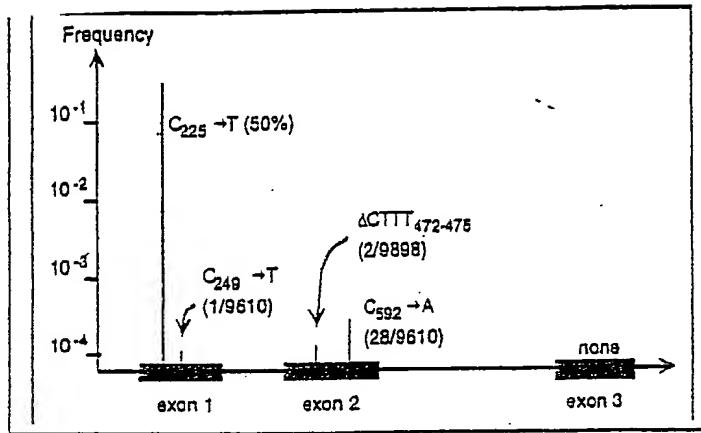


Fig. 28

Fig. 29

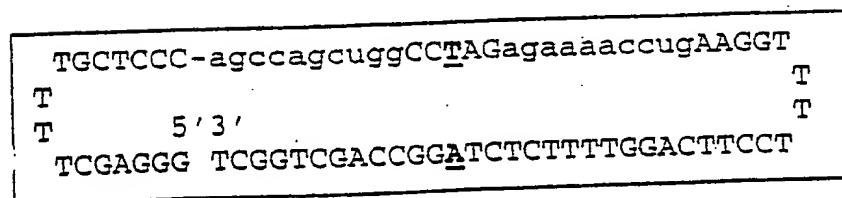
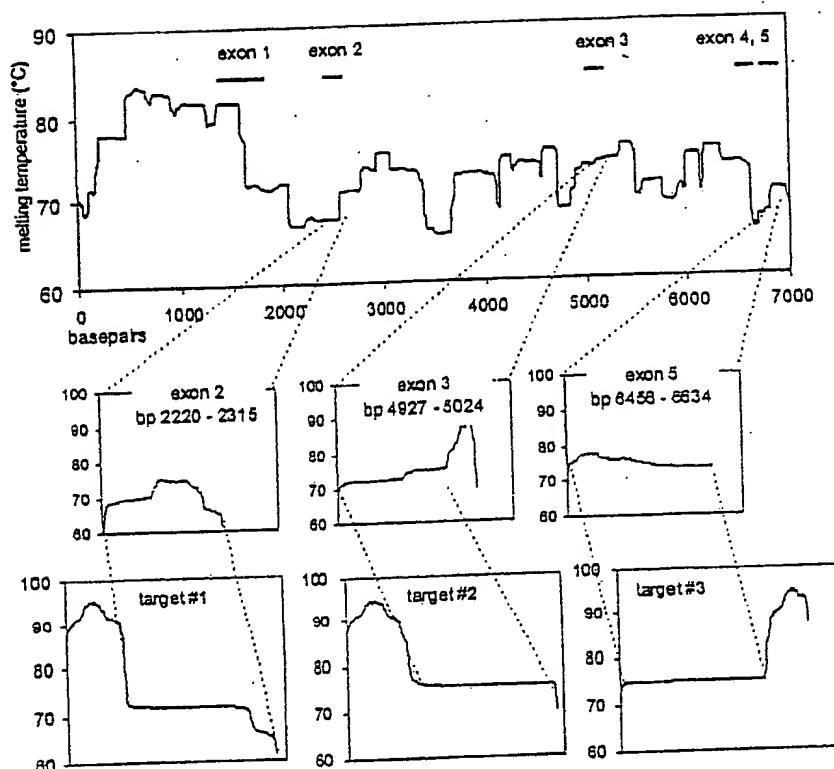


Fig. 30